



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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August 2, 1996

Jay Marshall
Genwal Resources, Inc.
PO Box 1420
Huntington, Utah 84528

Re: Interagency Requirements for Culvert to Expand Surface Facilities, Crandall Canyon No. 1 Mine, Genwal Resources, Inc., ACT/015/032, Working File, Emery County, Utah

Dear Mr. Marshall:

As you are aware, the Division of Oil, Gas, and Mining is required to seek comment from the numerous State and Federal agencies that are affected by coal mining projects. As a result of their input, the attached items are forwarded to you for consideration in your revisions to the Mining and Reclamation Plan. You are encouraged to verify that all requirements of the various other regulatory agencies, including their permits, have been met in your plan. If you have questions, feel free to contact me.

Sincerely,

A handwritten signature in cursive script that reads 'Daron Haddock'.

Daron Haddock
Permit Supervisor

o:/015032/draft/gncrcnrg



Interagency Requirements for Crandall Canyon Culvert Project

1. Development Road 50248 must be returned to the Forest Service.. This includes a full double lane width comparable to the road below the operations area in design and quality.

This road revision will require coordination with the Forest Service to establish traffic patterns that are mutually agreeable to Genwal and the Forest Service.

2. All fill material transported on Forest Service roads must be from a site that is certified as being free of noxious weeds.
3. An energy dissipator device is required at the diversion outlet for both the initial construction and reclamation phases. This is to stop erosion during construction activities.
4. Wet cement is NOT allowed in the stream as it is toxic to aquatic organisms.
5. The Mining & Reclamation Plan (MRP) needs to be clarified in its description of mining operations near the Joes Valley Fault. Forest Service Stipulation #20 of Genwal's lease states, "mining that would cause subsidence will not be permitted within a zone along the Joes Valley Fault determined by projecting a 22 degree angle-of-draw (from vertical) eastward from the surface expression of the Joes Valley Fault, down to the top of the coal seam to be mined." The plan now indicates no mining within 500 ft. of the fault (pg 5-15, fifth paragraph) and another reference states no mining within 1000 ft. of the fault. These distances may or may not reflect conformance with the stipulation, depending on overburden depths. This needs clarification.
6. When the new expanded facilities are built, the existing coal pile area and loadout must be thoroughly cleaned.
7. The sand under the culvert must be prevented from migrating out and into Crandall Creek. Please include in the MRP a description of how this will be accomplished. For example, using compaction and culvert cutoff collars.